

ABSTRACT

A contact inspection method and device in which a detection element which produces a detection output according to vibration of a rotating body is mounted on the rotating body to detect contact of an object with the rotating body, more particularly a method and device suitable for evaluating mechanical characteristics of a rotating magnetic disk (1) and a slider (2) in a magnetic disk device are provided. A detection element (12) which produces a detection output according to vibration is mounted on a rotating body (1). The detection output is transmitted to a stationary portion through a rotary transformer (33h). The rotating body (1) rotates based on the transmitted detection output. The rotary transformer has a sufficient impedance with which the detection element obtains a predetermined output in a portion of an effective sensitivity band of the detection element.